Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Complete if Known Application Number 10/684,053 Filing Date October 9, 2003 First Named Inventor Chandan Mathur Art Unit 2183 Examiner Name

(Use as many sheets as necessary)

of 2 1934-12-3 Attorney Docket Number

| | | | U.S. PATENT | OCUMENTS | |
|------------|--------------|--|------------------|----------------------------------|--|
| Examiner | Cito | Document Number | Publication Date | Name of Patentee or Applicant of | Pages, Columns, Lines, Where Relevant |
| tnitials * | Cite No.1 | Number - Kind Code ² (if known) | MM-DD-YYYY | Cited Document | Passages or Relevant Figures Appear |
| DJH | | US-5,583,964 | 12/10/96 | Wang | 1 |
| DJH | | US- 4,956,771 | 09/11/90 | Neustaedter | |
| | | US- | • | | |
| | | US- | | | |
| • | | US- | | | |
| | | US- | | | -, -, -, -, -, -, -, -, -, -, -, -, -, - |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| · | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | Î | US- | | | |

| | | FOREIGN PA | TENT DOCU | MENTS | | |
|-----------------------|--------------|---|---------------------|--|--|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited | Pages, Columns, Lines, Where Relevant Passages or Relevant | |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | MM-DD-YYYY | Document | Figures Appear | T° |
| DJH | | EP 1 061 438 A1 | 12/20/00 | Hewlett- Packard Company | | |
| DJH | | EP 0 945 788 A2 | 09/29/99 | Texas Instruments Incorporated | | |
| DJH | | EP 0 945 788 A3 | 06/26/02 | Texas Instruments Incorporated | | |
| DJH | | EP 0 694 847 A2 | 01/31/96 | International Business Machines Corporation | | |
| | | | | | 1 | |
| | | | | | | |

| Examiner Signature | /David Huisman/ | Date Considered | 10/15/2006 |
|-----------------------|-----------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the

PTO/SB/08b(08-03)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

| Substitute | for form 14498 | B/PTO | · | Complete if Known | | |
|------------|-----------------------------------|-------|----------|------------------------|-----------------|--|
| MICO | D14 4 T1/ | DIO | OL COURE | Application Number | 10/684,053 | |
| | | | CLOSURE | Filing Date | October 9, 2003 | |
| STAT | STATEMENT BY APPLICANT | | | First Named Inventor | Chandan Mathur | |
| | | | | Art Unit | 2183 | |
| | (Use as many sheets as necessary) | | | Examiner Name | | |
| Sheet | 2 | of | 2 | Attorney Docket Number | 1934-12-3 | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|---------------------|--------------|---|----|
| Examiner Initials * | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| | | LECURIEUX-LAFAYETTE G: "Un Seul FPGA Dope Le Traitement D'Images", Electronique, CEP Communication, Paris, FR, no. 53, 1930, pp. 36, 101-103 | |
| DJH | | VERMEULEN F. ET AL., "Flexible Hardware Acceleration for Multimedia Oriented Microprocessors", Micro-33. Proceedings of the 33 rd Annual ACM/IEEE International Symposium on Microarchitecture. Monterey, CA, Dec. 10-13, 2000, Proceedings of the Annual ACM/IEEE International Symposium on Microarchitecture, Los Alamitos, CA: IEEE Comp. Soc. US, 10 December 2000, pp. 171-177 | |
| DJH | | International Search Report for PCT/US 03/34557, December 21, 2004 | |
| DJH | | International Search Report for PCT/US 03/34559, January 7, 2005 | |
| | | | |
| · | | | |
| | | • | |
| | | | |
| | | | |
| | | | |
| | | | |

| Examiner Signature | /David Huisman/ | Date Considered | 10/15/2006 |
|-----------------------|-----------------|--------------------|------------|

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

^{**}EXAMINER: Initial if reference considered, whether or not clauon is in conformance with MPEP 609. Draw line through clauton in the in conformance and not considered. Include copy of this form with next communication to applicant.

**Applicant's unique citation designation number (optional). **Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OIPE 48

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

TRADE TUTE for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/684,053

Filing Date October 9, 2003

First Named Inventor Chandan Mathur

Art Unit 2183

Examiner Name

(Use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number 1934-12-3

| | | | U.S. PATENT | DOCUMENTS | |
|------------------------|--------------|---|------------------|--|--|
| Euraine Cita | | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant |
| Examiner Initials * | Cite No.' | Number - Kind Code ² (# known) | MM-DD-YYYY | Cited Document | Passages or Relevant Figures Appear |
| DJH | | US-5,892,962 | 04/08/99 | Cloutier et al. | |
| | | US- | | | |
| | T | US- | • | | |
| | | US- | | | |
| | | US- | • | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | , | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | <u> </u> |
| | | US- | | | 1 |

| | FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------|--------------------------|---|--------------------|--------------------------------|--|---|
| Examiner Cite No.1 | 011- | Foreign Patent Document | Publication | Name of Patentee or | Pages, Columns, Lines, Where Relevant | |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | Date MM-DD-YYYY | Applicant of Cited Document | Passages or Relevant Figures Appear | ۳ |
| DJH | | EP 1 061 439 A1 | 12/20/00 | Hewlett- Packard Company | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | A |
|-----------------------|-----------------|--------------------|------------|
| Examiner Signature | /David Huisman/ | Date Considered | 10/15/2006 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patient Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

ubstitute for form 14498/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/684,053 Filing Date October 9, 2003 First Named Inventor Chandan Mathur Art Unit 2183 Examiner Name

(Use as many sheets as necessary) of 2 Sheet 2 Attorney Docket Number 1934-12-3

| <u> </u> | | NON PATENT LITERATURE DOCUMENTS | |
|---------------------|--------------|---|-----|
| Examiner Initials * | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2 |
| DJH | | SALCIC Z ET AL., "FLIX environment for generation of custom-configurable machines in FPLDs for embedded applications", Microprocessors and Microsystems, IPC Business Press Ltd. London, GB, vol. 23, no. 8-9, December 15, 1999, pp. 513-526 | |
| DJH | | International Search Report for PCT/US 03/34558, June 16, 2005 | |
| | | · | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Examiner Signature | /David Huisman/ | Date Considered | 10/15/2006 |
|-----------------------|-----------------|--------------------|------------|

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.